



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

m/035/002

Michael O. Leavitt
Governor

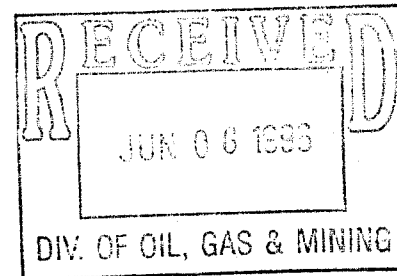
Dianne R. Nielson, Ph.D.
Executive Director

Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146 Voice
(801) 538-6016 Fax
(801) 536-4414 T.D.D.

DOGM
MINERALS PROGRAM
FILE COPY

June 5, 1996



Ms. Elaine J. Dorward-King, Ph.D.
Director, Environmental Affairs
Kennecott Utah Copper
8315 West 3645 South
Magna UT 84044-6001

Dear Ms. Dorward-King:

Subject: Replacement of Monitoring Well ECG299; Kennecott Bluewater Repository;
Ground Water Discharge Permit No. UGW350002

The review of your letter of March 14, 1996, along with subsequent data provided by Ric Jones of your staff, has been completed. Based on the data provided along with numerous discussions between our respective staffs, monitoring well ECG299 should be removed from the compliance well network for the Bluewater Repository ground water discharge permit and replaced with a compliance monitoring well in a nearby area. Attached is a map indicating our preference for this new well location.

Our concurrence with the monitoring well replacement is subject to the following conditions:

1. The replacement well must be installed by August 15, 1996.
2. Specifications for the new well: location, depth of completion; etc., must be provided to the Division by June 30, 1996, for our approval.
3. Kennecott will sample the new well on a monthly basis, for 12 months, before going to a quarterly sampling frequency for the new well.
4. ECG299 will be retained for informational monitoring for the leach collection system



0008

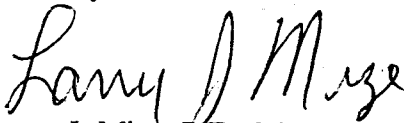
June 5, 1996

Page 2

This change will involve a revision to the Bluewater Repository ground water discharge permit. Accordingly, a 30 day public comment period is anticipated to start by June 10, 1996. If no adverse comments are received, ECG299 can be formally removed from the permit as a compliance monitoring point. Any conditions noted previously in this letter that are outstanding after the public comment period has concluded, will be included as a compliance condition in the revised permit.

If you have any questions with this matter, please feel free to contact John Whitehead at 538-6053. Thank you for your cooperation on this issue.

Sincerely,



Larry J. Mize, P.E., Manager
Ground Water Protection Section

LJM:JW:wfm

Enclosures (1)

cc: Terry Sadler, Salt Lake County Health Dept.
Wayne Hedberg, DOGM

P:\WQ\PERMITS\WHITEHEAD\KENNOCOTT\BLUEWATER\EC299.LTR
FILE:KENNOCOTT BLUEWATER REPOSITORY; CAT. #4